



Docket: 14505.01

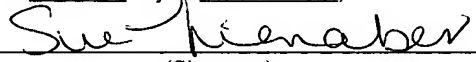
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor:	Matthew P. Dugas	
Appln. No.:	10/685,289	
Filing Date:	October 14, 2003	Examiner: Samuel P. Siefke
Title:	SOLID STATE MEMBRANE CHANNEL DEVICE FOR THE MEASUREMENT AND CHARACTERIZATION OF ATOMIC AND MOLECULAR SIZED SAMPLES	Group Art Unit: 1743

**AMENDMENT AND RESPONSE**

Commissioner for Patents  
Mail Stop: Amendment  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

I hereby certify that this document is being sent via First Class U. S. mail addressed to: Commissioner for Patents, P. O Box 1450, Alexandria, VA 22313-1450, on this 15th day of November, 2005.

  
(Signature)

Sir:

The following amendments and remarks are submitted in response to the Office Action of June 15, 2005 in the above-identified case.

**Detailed Claim Listing** begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.